# EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 0 | "2003129780" | US-PGPUB; USPAT | OR | ON | 2009/07/22 13:24 |
| L2 | 0 | ("2003129780").PN. | US-PGPUB; USPAT | OR | OFF | 2009/07/22 13:24 |
| L3 | 1 | ("20030129780").PN. | US-PGPUB; USPAT | OR | OFF | 2009/07/22 13:24 |
| L4 | 1 | ("6548382").PN. | US-PGPUB; USPAT | OR | OFF | 2009/07/22 13:24 |
| L5 | 1126 | ((charge with trap$5) or getter$6) and (charge with trap with density) | US-PGPUB; USPAT | OR | ON | 2009/07/22 13:24 |
| L6 | 60 | L5 and (grain with size) | US-PGPUB; USPAT | OR | ON | 2009/07/22 13:24 |
| L7 | 53 | (grain with size) same (charge with trap$5) | US-PGPUB; USPAT | OR | ON | 2009/07/22 13:24 |
| L8 | 11 | (grain with size) same (charge with trap$5 with density) | US-PGPUB; USPAT | OR | ON | 2009/07/22 13:24 |
| L9 | 1 | (ohmic with los$5) same (charge with trap$5 with density) | US-PGPUB; USPAT | OR | ON | 2009/07/22 13:24 |
| L10 | 259 | substrate and bonding and (charge with trap$5 with density) | US-PGPUB; USPAT | OR | ON | 2009/07/22 13:24 |
| L11 | 217 | substrate and bonding and (charge with trap$5 with density) and insul$5 | US-PGPUB; USPAT | OR | ON | 2009/07/22 13:24 |
| L12 | 428 | substrate and transfer and (charge with trap$5 with density) and insul$5 | US-PGPUB; USPAT | OR | ON | 2009/07/22 13:24 |
| L13 | 414 | getter$5 and wafer and (carrier same trap$) | US-PGPUB; USPAT | OR | ON | 2009/07/22 13:24 |
| L14 | 54 | L13 and (charge with density) | US-PGPUB; USPAT | OR | ON | 2009/07/22 13:24 |
| L15 | 1 | ("5773152").PN. | US-PGPUB; USPAT | OR | OFF | 2009/07/22 13:24 |
| L16 | 1 | ("6426274").PN. | US-PGPUB; USPAT | OR | OFF | 2009/07/22 13:24 |

| L17 | 200 | ("2614055" \| "3117022" \| "3225820" \| "3390033" \| "3551213" \| "3770499" \| "3786359" \| "3806380" \| "3832219" \| "3900636" \| "3901423" \| "3915757" \| "3946334" \| "3957107" \| "3993909" \| "4006340" \| "4039416" \| "4053335" \| "4074139" \| "4107350" \| "4108751" \| "4116751" \| "4121334" \| "4170662" \| "4216906" \| "4237601" \| "4244348" \| "4252837" \| "4255208" \| "4274004" \| "4342631" \| "4346123" \| "4361600" \| "4368083" \| "4375125" \| "4412868" \| "4452644" \| "4468309" \| "4471003" \| "4486247" \| "4490190" \| "4500563" \| "4508056" \| "4536657" \| "4539050" \| "4566403" \| "4567505" \| "4568563" \| "4585945" \| "4645546" \| "4684535" \| "4704302" \| "4706377" \| "4717683" \| "4727047" \| "4764394" \| "4766086" \| "4837172" \| "4846928" \| "4847792" \| "4853250" \| "4883561" \| "4887005" \| "4891329" \| "4894709" \| "4931405" \| "4948458" \| "4952273" \| "4956693" \| "4960073" \| "4982090" \| "4983251" \| "4996077" \| "5015353" \| "5034343" \| "5070040" \| "5082793" \| "5102821" \| "5110748" \| "5133826" \| "5162241" \| "5196355" \| "5198371" \| "5202095" \| "5203960" \| "5206749" \| "5213451" \| "5234529" \| "5234535" \| "5242861" \| "5250328" \| "5252178" \| "5256562" \| "5258320" \| "5258325" \| "5269880" \| "5273610" \| "5277748" \| "5303574" \| "5304509" \| "5308776" \| "5317236" \| "5342472" \| "5344524" \| "5354381" \| "5362671" | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/22 13:24 |

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|---|---|---|---|---|---|---|
| | | \| "5363603" \| "5368710" \| "5370765" \| "5374564" \| "5376560" \| "5377031" \| "5404079" \| "5405480" \| "5411592" \| "5413679" \| "5435880" \| "5438241" \| "5443661" \| "5444557" \| "5459016" \| "5475514" \| "5476691" \| "5480842" \| "5487785").PN. OR ("5494835" \| "5504328" \| "5528397" \| "5539245" \| "5558718" \| "5559043" \| "5569620" \| "5581385" \| "5585304" \| "5611855" \| "5643834" \| "5653811" \| "5705421" \| "5710057" \| "5714395" \| "5744852" \| "5753560" \| "5755914" \| "5763319" \| "5783022" \| "5804086" \| "5821158" \| "5824595" \| "5827751" \| "5840590" \| "5854123" \| "5869387" \| "5877070" \| "5882987" \| "5909627" \| "5920764" \| "5953622" \| "5966620" \| "5985742" \| "5993677" \| "5994207" \| "6010579" \| "6013563" \| "6013567" \| "6020252" \| "6033974" \| "6048411" \| "6077383" \| "6083324" \| "6120597" \| "6150239" \| "6159824" \| "6171965" \| "6184111" \| "6214701" \| "6225192").PN. OR ("6548382").URPN. | | | | |
| L18 | 0 | (high same (density with charge with trap* )) same layer | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/22 13:24 |
| L19 | 0 | (density with charge with trap* ) same layer | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/22 13:24 |
| L20 | 0 | high with density with charge with trap* | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/22 13:24 |
| L21 | 196 | high with density with charge with trap$4 with layer | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/22 13:24 |

| L22 | 1036 | (resistiv$5 with high) and bond$5 and ((charge with trap) or getter$5) and substrate | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/22 13:24 |
| L23 | 30 | L22 and (smart with cut) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/22 13:24 |
| L24 | 1 | ("6368938").PN. | US-PGPUB; USPAT | OR | OFF | 2009/07/22 13:24 |
| L25 | 422 | Lederer.in. | US-PGPUB; USPAT | OR | ON | 2009/07/22 13:24 |
| L26 | 2 | Dimitri near Lederer.in. | US-PGPUB; USPAT | OR | ON | 2009/07/22 13:24 |
| L27 | 83 | (438/402).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/07/22 13:24 |
| L28 | 364 | (438/471).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/07/22 13:24 |
| L29 | 247 | (438/473).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/07/22 13:24 |
| L30 | 368 | (438/476).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/07/22 13:24 |
| L31 | 83 | (438/310).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/07/22 13:24 |
| L32 | 370 | (438/311).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/07/22 13:24 |
| L33 | 25 | (L27 or L28 or L29 or L30 or L31) and (charge with trap$5) | US-PGPUB; USPAT | OR | ON | 2009/07/22 13:24 |
| L34 | 21 | (L27 or L28 or L29 or L30 or L31) and (smart with cut) | US-PGPUB; USPAT | OR | ON | 2009/07/22 13:24 |
| L35 | 4 | L34 and charge | US-PGPUB; USPAT | OR | ON | 2009/07/22 13:24 |
| L36 | 12 | L34 and carrier | US-PGPUB; USPAT | OR | ON | 2009/07/22 13:24 |
| L37 | 1 | ("6368938").PN. | US-PGPUB; USPAT | OR | OFF | 2009/07/22 13:24 |
| L38 | 1 | (suppres$ or reduc$5 or decreas$5) same (ohmic with loss$) same (charge same trap$ same density) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/22 13:24 |

| L39 | 4 | (suppres$ or reduc$5 or decreas$5) same (ohmic with loss$) and (charge same trap$ same density) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/22 13:24 |
|---|---|---|---|---|---|---|
| L40 | 3 | (ohmic with loss$) same (charge same trap$ same density) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/22 13:24 |
| L41 | 3 | (ohmic with loss$) same (charge same trap$ same density) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/22 13:24 |
| L42 | 1126 | ((charge with trap$5) or getter$6) and (charge with trap with density) | US-PGPUB; USPAT | OR | ON | 2009/07/22 13:24 |
| L43 | 196 | high with density with charge with trap$4 with layer | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/22 13:24 |
| L44 | 83 | (438/402).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/07/22 13:24 |
| L45 | 364 | (438/471).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/07/22 13:24 |
| L46 | 247 | (438/473).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/07/22 13:24 |
| L47 | 368 | (438/476).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/07/22 13:24 |
| L48 | 83 | (438/310).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/07/22 13:24 |
| L49 | 25 | (L44 or L45 or L46 or L47 or L48) and (charge with trap$5) | US-PGPUB; USPAT | OR | ON | 2009/07/22 13:24 |
| L50 | 1537 | (charge same density) and (wafer same bond$) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/07/22 13:24 |
| L51 | 7989 | (charge same density ame trap$) and (wafer same bond$) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/07/22 13:24 |
| L52 | 6220 | L51 and (@ay<"2006") | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/07/22 13:24 |
| L53 | 957 | L52 and (high same resist$ same substrate) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/07/22 13:24 |
| L54 | 182 | L53 and (amorph$ same silicon) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/07/22 13:24 |

**7/22/2009 1:32:19 PM**
**C:\ Documents and Settings\ jslutsker\ My Documents\ EAST\ Workspaces\ 10572799.wsp**